

Product code: 402628

## DOMACRYL 836 50 X/SA

### Thermoplastic Acrylic Resin

**Specification:**

Property	Range	Method / According to standard
Non-volatile matter	50 - 52%	MH1155 / ISO 3251
Acid value on solid resin	5 - 10 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	1000 - 3000 mPa·s	MH1007 / ISO 3219
Colour	max. 1 Gardner	MH1124 / ISO 4630

**Typical properties:**

Property	Value
Solvent ratio	Xylene / Aromatic solvent 100 = 3 / 1
Tg	56 °C

**Remarks:**

It is gasoline and plasticizer resistant.

**Solubility:**

- » Soluble in aromatic hydrocarbones, ketones and esters.
- » Limited solubility in aliphatic hydrocarbons and higher alcohols.

**Compatibility:**

Compatible with plasticizers, vinyl resins, nitrocellulose, modified alkyd resins, acrylic resins and chlorinated rubber.

**Applications:**

- » Domacryl 836 50 X/SA is a physically drying polyacrylic resin developed mainly for the preparation of pigmented and transparent paints for metal, wood and plastics.
- » Because of its low solution viscosity is an ideal product to upgrade solution vinyl, chlorinated rubber and cellulosic systems in durability, heat stability, hiding power and drying time.

**Storage:**

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures below 35 °C, for up to 24 months. Exposure to direct sunlight should be avoided.

**Note:** The information contained herein is provided in good faith and is to the best of our knowledge accurate, but we assume no liability for its accuracy or completeness. Therefore, the buyer is advised to determine the suitability of this product for the intended use. We retain the right to make any changes according to technological progress or further developments. For safety information please refer to the current Material Safety Data Sheet.

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**Helios TBLUS, d.o.o.** | Količevo 65, 1230 Domžale, Slovenia | T +386 1 722 40 00  
info@resinshelios.com | [www.resinshelios.com](http://www.resinshelios.com)  
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